

2018 Current Fiscal Year Report: STEM Education Advisory Panel

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1. Department or Agency

National Science Foundation

2. Fiscal Year

2018

3. Committee or Subcommittee

STEM Education Advisory Panel

3b. GSA Committee No.

2624

4. Is this New During Fiscal Year?

Yes

5. Current Charter

10/18/2017

6. Expected Renewal Date

10/18/2019

7. Expected Term Date

09/19/2019

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Authorized by Law

12. Specific Establishment Authority

Public Law 114-329

13. Effective Date

01/06/2017

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee

Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open Meetings 0 17b. Closed Meetings 0 17c. Partially Closed Meetings 1 17d. Total Meetings 1

Purpose

To provide advice and recommendations on policies, programs, activities, and long-range planning.

Start

09/12/2018

End

09/12/2018

Number of Committee Meetings Listed: 1

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$16,920.00	\$22,000.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$46,430.00	\$46,500.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$7,322.00	\$7,400.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$1,377.00	\$1,400.00
18d. Total	\$72,049.00	\$77,300.00
19. Federal Staff Support Years (FTE)	0.37	0.38

20a. How does the Committee accomplish its purpose?

The Panel, pursuant to section 303(c) of Public Law 114-329, shall advise the Committee on STEM Education (CoSTEM), periodically assess CoSTEM's progress in carrying out its responsibilities under section 101(b) of the America COMPETES Reauthorization Act of 2010 (42 U.S.C. 6621(b)), and help identify any need or opportunity to update the strategic plan under section 101(b) of that Act.

20b. How does the Committee balance its membership?

Membership will consist of no less than 11 individuals. Members shall primarily be individuals from academic institutions, nonprofit organizations, and industry, including in-school, out-of-school, and informal education practitioners; and shall be individuals who are qualified to provide advice and information on STEM education research, development, training, implementation, interventions, professional development or workforce needs or concerns. A primary consideration when formulating committee membership is recognized knowledge, expertise, or demonstrated ability. Other factors that may be considered are balance among diverse institutions, regions, and groups underrepresented in science, technology, engineering, and mathematics.

20c. How frequent and relevant are the Committee Meetings?

Estimated Number of Meetings per Year - 2 Estimated Total Meetings - 1. Committee officially established October 2017.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

There is not other advising body across the federal government made up of non-federal members who can provide such expertise on STEM education.

20e. Why is it necessary to close and/or partially closed committee meetings?

Not Applicable

21. Remarks

Not Applicable

Designated Federal Officer

Karen Marrongelle DFO

Committee Members	Start	End	Occupation	Member Designation
Bertram, Vince	09/10/2018	09/30/2019	Project Lead The Way	Special Government Employee (SGE) Member

Clements, Douglas	09/10/2018	09/30/2019	University of Denver	Special Government Employee (SGE) Member
DeStefano, Lizanne	09/10/2018	09/30/2019	Georgia Institute Of Technology	Special Government Employee (SGE) Member
Eisenkraft, Arthur	09/10/2018	09/30/2019	University of Massachusetts Boston	Special Government Employee (SGE) Member
Evans, David	09/10/2018	09/30/2019	NSTA	Special Government Employee (SGE) Member
Gonzalez, Gabriela	09/10/2018	09/30/2019	Intel Foundation	Special Government Employee (SGE) Member
Huntoon, Jacqueline	09/10/2018	09/30/2019	Michigan Technological University	Special Government Employee (SGE) Member
Kennedy, Aimee	09/10/2018	09/30/2019	Battelle Memorial Institute	Special Government Employee (SGE) Member
Leshin, Laurie	09/10/2018	09/30/2019	Worcester Polytechnic Institue	Special Government Employee (SGE) Member
Mathieu, Robert	09/10/2018	09/30/2019	University of Wisconsin	Special Government Employee (SGE) Member
Mellado, Ray	09/10/2018	09/30/2019	Great Minds in STEM	Special Government Employee (SGE) Member
Miaoulis, Ioannis	09/10/2018	09/30/2019	Tufts University	Special Government Employee (SGE) Member
Pullen, Kendra	09/10/2018	09/30/2019	Caddo Parish Schools	Special Government Employee (SGE) Member
Robinson, Larry	09/10/2018	09/30/2019	Florida Agricultural and Mechanical Univ	Special Government Employee (SGE) Member
Scott, Kimberly	09/10/2018	09/30/2019	Arizona State University	Special Government Employee (SGE) Member
Semper, Robert	09/10/2018	09/30/2019	Exploratorium	Special Government Employee (SGE) Member
Velez, William	09/10/2018	09/30/2019	University of Arizona	Special Government Employee (SGE) Member
Wellman, Bruce	09/10/2018	09/30/2019	Olathe Northwest High School	Special Government Employee (SGE) Member

Number of Committee Members Listed: 18

Narrative Description

Not Applicable

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>

Other

☐

Outcome Comments

Not Applicable

What are the cost savings associated with this committee?

Checked if Applies

None

☐

Unable to Determine

☒

Under \$100,000

☐

\$100,000 - \$500,000

☐

\$500,001 - \$1,000,000

☐

\$1,000,001 - \$5,000,000

☐

\$5,000,001 - \$10,000,000

☐

Over \$10,000,000

☐

Cost Savings Other

☐

Cost Savings Comments

Not Applicable

What is the approximate Number of recommendations produced by this committee for the life of the committee?

0

Number of Recommendations Comments

Not Applicable

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

All recommendations will be considered by the agencies.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Not Applicable See above

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The Chair of the Advisory Committee will meet with CoSTEM and agency senior leadership to discuss topics and issues of importance and the committee will receive feedback from leadership on its suggestions and recommendations.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

Not Applicable

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

Not Applicable

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input type="checkbox"/>
Online Agency Web Site	<input type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

Not Applicable